

AMENDED

Nº 34848

APPLICATION FOR PERMIT
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

JAN 8 1978

Date of filing in State Engineer's Office.....

Returned to applicant for correction..... APR 20 1978

Corrected application filed..... MAY 10 1979

Map filed..... MAY 4 1978 under 34812 -
P.O.U. under 30682 filed Nov. 30, 1976

The applicant Union Oil Company of California
461 South Boylston Street, of Los Angeles,
Street and No. or P.O. Box No. City or Town
California 90017, hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.)

Incorporated in California on October 17, 1890

1. The source of the proposed appropriation is underground
Name of stream, lake or other source.

2. The amount of water applied for is five second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet..... acre-feet

3. The water to be used for industrial and domestic
Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated).....

(b) Stockwater (state number and kinds of animals to be watered).....

(c) Other use (describe fully under "No. 12. Remarks") industrial and domestic

(d) Power:

(1) Horsepower developed.....

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: NW¼ of SE¼, Sec. 1, T19N,
R30E, MDB&M at a point that bears S 38° 16' E a distance of 2328.10
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,
feet from the SE cor. Sec. 1, T19N, R30E, MDB&M.
it should be stated.

6. Place of use see attached
Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.
Day and Month Day and Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drill well and install deep pump
if necessary for the purposes set forth in item 12.
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

9. Estimated cost of works.....in excess of \$100,000.00
10. Estimated time required to construct works.....three years
11. Estimated time required to complete the application to beneficial use.....five years
12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

Proposed well to explore, test and develop geothermal resources
for industrial uses.

Applicant Union Oil Co. of California

By s/ Lowell D. Emery

Lowell D. Emery, SWRS #536

Compared lp/dh ja/dr

P.O. Box 84

Fallon, Nev. 89406

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. The totalizing meter must be installed before any use of water begins, or before the Proof of Completion of Work is filed. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

There are to be no perforations in the well for at least the first 3,500 feet. The well is to be cemented from the 3,500 foot level to the surface to protect fresh water zones.

This permit is further issued subject to the condition that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 5.0 cubic feet per second, but not to exceed 3,620.0 acre-feet annually.

Actual construction work shall begin on or before June 17, 1980

Proof of commencement of work shall be filed before July 17, 1980

Work must be prosecuted with reasonable diligence and be completed on or before June 17, 1981

Proof of completion of work shall be filed before July 17, 1981

Application of water to beneficial use shall be made on or before June 17, 1984

Proof of the application of water to beneficial use shall be filed on or before July 17, 1984

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed..... IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
Completion of work filed..... State Engineer of Nevada, have hereunto set my hand and the seal of
Proof of beneficial use filed..... my office, this 17th day of DECEMBER,
Cultural map filed.....
Certificate No. Issued..... A.D. 19 79
Recorded..... Bk..... Page.....
..... County Recorder

Peter J. Morris STATE ENGINEER

Application 34848 - Attachment

Township 20 North, Range 31 East, M.D.M.

Sec. 15: All
Sec. 16: All
Sec. 17: $E\frac{1}{2} E\frac{1}{2}$, $SW\frac{1}{4} SE\frac{1}{4}$, $S\frac{1}{2} SW\frac{1}{4}$
Sec. 19: $E\frac{1}{2} NE\frac{1}{4}$, $SE\frac{1}{4} SE\frac{1}{4}$
Sec. 20: All
Sec. 21: All
Sec. 22: $W\frac{1}{2}$
Sec. 27: $NW\frac{1}{4} NW\frac{1}{4}$
Sec. 28: $W\frac{1}{2}$, $NE\frac{1}{4}$, $W\frac{1}{2} SE\frac{1}{4}$
Sec. 29: All
Sec. 30: $E\frac{1}{2}$, $E\frac{1}{2} W\frac{1}{2}$
Sec. 31: All
Sec. 32: All
Sec. 33: $W\frac{1}{2} W\frac{1}{2}$, $NE\frac{1}{4} NW\frac{1}{4}$

Township 20 North, Range 30 East, M.D.M.

Sec. 36: $SW\frac{1}{4}$, $S\frac{1}{2} SE\frac{1}{4}$

Township 19 North, Range 30 East, M.D.M.

Sec. 1: All
Sec. 2: $S\frac{1}{2}$, $E\frac{1}{2} NE\frac{1}{4}$
Sec. 11: $E\frac{1}{2}$, $SW\frac{1}{4}$
Sec. 12: All
Sec. 13: All
Sec. 14: All
Sec. 23: $E\frac{1}{2}$, $SW\frac{1}{4}$, $S\frac{1}{2} NW\frac{1}{4}$, $NE\frac{1}{4} NW\frac{1}{4}$
Sec. 24: All
Sec. 26: $W\frac{1}{2}$, $NE\frac{1}{4}$, $N\frac{1}{2} SE\frac{1}{4}$, $SW\frac{1}{4} SE\frac{1}{4}$
Sec. 27: All
Sec. 28: $E\frac{1}{2} E\frac{1}{2}$

Township 19 North, Range 31 East, M.D.M.

Sec. 4: $W\frac{1}{2} NW\frac{1}{4}$, $NW\frac{1}{4} SW\frac{1}{4}$
Sec. 5: All
Sec. 6: All
Sec. 7: All
Sec. 8: All
Sec. 17: $S\frac{1}{2} NW\frac{1}{4}$, $NW\frac{1}{4} NW\frac{1}{4}$
Sec. 18: $W\frac{1}{2}$, $NE\frac{1}{4}$, $N\frac{1}{2} SE\frac{1}{4}$, $SW\frac{1}{4} SE\frac{1}{4}$
Sec. 19: $W\frac{1}{2} NW\frac{1}{4}$, $W\frac{1}{2} NE\frac{1}{4}$, $SE\frac{1}{4} NE\frac{1}{4}$

